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# United States Patent [19]

Chen

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[54]	PRESSURIZED AIR DISTRIBUTION SYSTEM		
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# [57] ABSTRACT

A system for providing intermittent cooling for personnel wearing protective garments and working in a hot contaminated environment is described which comprises a large flow capacity air control plenum operatively connected to an air conditioner of prescribed capacity and to suitable filters and blower for supplying about 20 cfm per person of air at a pressure of about 11 inches of water, wherein at least 80% of the system throughput is recirculated in providing the desired flow.

## 6 Claims, 1 Drawing Sheet

